

KENNETH A. CORNELIUS, P.E.

Environmental Policy Analysis Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S. University of Colorado, Environmental Engineering, 1974
B.S. Oklahoma State University, Civil Engineering, 1970

Professional Experience:

1993–Present Senior Program Manager, Environmental Science Division
Argonne National Laboratory

Currently managing projects in support of the Army and the Department of Defense. Tasks have included development of DoD standards for the storage of waste military munitions and development of technical guidance and training materials for the implementation of the EPA Military Munitions Rule. Also provides primary technical support for the DoD Operational and Environmental Executive Steering Committee for Munitions (OEESCM) which is formulating and managing implementation of long-term strategies for improving DoD's business and environmental practices involving life-cycle management of munitions. These tasks have involved coordination with federal and state regulatory officials as well as staff from several functional areas (environmental, logistical, legal, etc.) throughout all components of the DoD. Served as Program Manager for the Waste Management Programmatic EIS, one of the largest and most complex EISs ever conducted by the DOE, and the Technical Support to the DOE's Office of Spent Nuclear Fuel Management Project. Both projects involved planning, scheduling, budgeting and progress reporting on these high visibility projects as well as oversight of subcontractors and extensive coordination with other national laboratories and senior DOE managers. Helped devise DOE strategies for the development and analysis of complex-wide alternatives for environmental waste management activities. These analyses included consideration of risk, cost, technologies and other environmental attributes.

Summary of Previous Experience:

1988–1992 Special Assistant and Division Chief for the Deputy Assistant Secretary
of Defense (Environment)

Led largest Division (ten professionals) engaged in policy analysis and monitoring environmental legislation and regulations. Developed DoD legislative strategy and positions for RCRA and CERCLA reauthorization, the Federal Facilities Compliance Act and other national environmental legislation. Wrote testimony for, and coordinated over 25 hearings before 10 Congressional committees and subcommittees. Directed preparation of reports to Congress. Briefed Congressional staff and members. Represented DoD at meetings with senior executives including Deputy Department Secretaries/Agency Administrators/Presidential staff). Negotiated formal agreements with the Department of Energy and the Public Health Service and prepared input to White House Domestic Policy Council issue papers on environmental matters. Served as Executive Secretary for the DoD Environmental Policy Council. This Council coordinated policies and programs for the Military Services and Defense Agencies. Wrote speeches and

correspondence for the Secretary of Defense and the Deputy Assistant Secretary on a wide range of environmental matters. Made presentations and represented DoD at numerous conferences, symposia and public dialogues.

1984–1988 Branch Chief, Headquarters Air Force Environmental Division

Led 14 environmental, scientific and engineering professionals responsible for assessing and overseeing USAF environmental programs. Reviewed all Environmental Impact Statements for sufficiency before public filing. Directed the Air Force's Installation Restoration Program (\$100 million annually) including policy development, allocation of funds and management guidance to ensure compliance with Superfund requirements. Conducted intensive in-progress reviews of over 20 waste site remediation projects. Developed and lectured at Air Force site cleanup and hazardous waste management training courses.

Managed preparation of high visibility, NPL site feasibility study, coordinated the study with the public and negotiated interagency agreement with EPA and state regulators on the remedy selected at the site.

1981–1983 Installation Engineer, Goodfellow Air Force Base
San Angelo, TX

Managed 200 personnel and all facility engineering functions including master/environmental planning, fire protection, utility operations/maintenance, design and construction, energy management and conservation, and coordination with local municipal officials. Annual operating budget was \$2 million plus \$7 million in construction, maintenance and repair projects.

1977–1981 Assistant Professor of Civil Engineering
U.S. Air Force Academy

Taught engineering fundamentals and upper division environmental engineering courses. Also taught solar energy applications course and served as principal director of solar energy research program resulting in published reports and professional papers. Served as personnel officer for the Department, responsible for screening and selection of faculty members.

1970–1977 Other Air Force Civil Engineering Positions

Positions in the United States and abroad. Most significant assignment was Commander of construction detachment (150 personnel).

Professional Activities:

American Society of Civil Engineers
Society of American Military Engineers
Registered Professional Civil Engineer (Colorado #14074)

Publications:

Author of 10+ journal, book, report, and conference publications.